

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"7071929".pn. and DC	US-PGPUB; USPAT	ADJ	ON	2010/02/04 09:02
L3	1	"7071929".pn. and DC and common electrode	US-PGPUB; USPAT	ADJ	ON	2010/02/04 09:07
S1	1	"20080231620"	US-PGPUB; USPAT	ADJ	ON	2009/08/03 12:40
S2	0	(345/50-101.ccls. or 345/208-214.ccls.) and constant difference same (on and off) near3 gate voltage	US-PGPUB; USPAT	ADJ	ON	2009/08/03 13:43
S3	0	(345/50-101.ccls. or 345/208-214.ccls.) and (on and off) near3 gate voltage	US-PGPUB; USPAT	ADJ	ON	2009/08/03 13:43
S4	24766	(345/50-101.ccls. or 345/208-214.ccls.)	US-PGPUB; USPAT	ADJ	ON	2009/08/03 13:44
S5	136	(345/50-101.ccls. or 345/208-214.ccls.) and (on or off) gate voltage	US-PGPUB; USPAT	ADJ	ON	2009/08/03 13:44
S6	13	(345/50-101.ccls. or 345/208-214.ccls.) and ((on or off) gate voltage) same (constant near5 voltage)	US-PGPUB; USPAT	ADJ	ON	2009/08/03 13:45
S7	1	(345/50-101.ccls. or 345/208-214.ccls.) and ((on or off) gate voltage) same temperature	US-PGPUB; USPAT	ADJ	ON	2009/08/03 13:50
S8	136	(345/50-101.ccls. or 345/208-214.ccls.) and ((on or off) gate voltage)	US-PGPUB; USPAT	ADJ	ON	2009/08/03 13:52
S9	42	(345/50-101.ccls. or 345/208-214.ccls.) and ((on or off) gate voltage) and (temperature or refresh rate)	US-PGPUB; USPAT	ADJ	ON	2009/08/03 13:53
S10	79	(345/50-101.ccls. or 345/208-214.ccls.) and ((on or off) gate voltage) and threshold	US-PGPUB; USPAT	ADJ	ON	2009/08/03 14:02
S11	32	(345/50-101.ccls. or 345/208-214.ccls.) and ((on or off) gate voltage) and threshold and (temperature or refresh rate)	US-PGPUB; USPAT	ADJ	ON	2009/08/03 14:03

S12	46	((JASON) near2 (HECTOR)).INV.	US-PGPUB; USPAT	ADJ	ON	2009/08/03 14:04
S13	3	((MARTINUS) near2 (CREUSEN)).INV.	US-PGPUB; USPAT	ADJ	ON	2009/08/03 14:05
S14	22	(S12 or S13) and gate voltage	US-PGPUB; USPAT	ADJ	ON	2009/08/03 14:06
S15	11	(S12 or S13) and gate voltage and threshold	US-PGPUB; USPAT	ADJ	ON	2009/08/03 14:06
S16	8	(S12 or S13) and gate voltage and threshold and temperature	US-PGPUB; USPAT	ADJ	ON	2009/08/03 14:09
S17	0	(345/50-101.ccls. or 345/208-214.ccls.) and constant same (on and off) near5 gate voltage	US-PGPUB; USPAT	ADJ	ON	2009/08/19 07:52
S18	24906	(345/50-101.ccls. or 345/208-214.ccls.)	US-PGPUB; USPAT	ADJ	ON	2009/08/19 07:52
S19	0	(345/50-101.ccls. or 345/208-214.ccls.) and (on and off) near5 gate voltage	US-PGPUB; USPAT	ADJ	ON	2009/08/19 07:53
S20	3094	(345/50-101.ccls. or 345/208-214.ccls.) and gate voltage	US-PGPUB; USPAT	ADJ	ON	2009/08/19 07:53
S21	6	(345/50-101.ccls. or 345/208-214.ccls.) and gate voltage and on and off	US-PGPUB; USPAT	ADJ	ON	2009/08/19 07:53
S22	6	(345/50-101.ccls. or 345/204-214.ccls.) and gate voltage and on and off	US-PGPUB; USPAT	ADJ	ON	2009/08/19 08:00
S23	1683	(345/50-101.ccls. or 345/204-214.ccls.) and gate voltage same (adjust\$5 or increase\$5 or chang\$5 or constant)	US-PGPUB; USPAT	ADJ	ON	2009/08/19 08:01
S24	1237	(345/50-101.ccls. or 345/204-214.ccls.) and tft and gate voltage same (adjust\$5 or increase\$5 or chang\$5 or constant)	US-PGPUB; USPAT	ADJ	ON	2009/08/19 08:01
S25	791	(345/50-101.ccls. or 345/204-214.ccls.) and tft and gate voltage same (adjust\$5 or increase\$5 or chang\$5) and constant	US-PGPUB; USPAT	ADJ	ON	2009/08/19 08:02
S26	0	(345/50-101.ccls. or 345/204-214.ccls.) and tft and gate voltage same (adjust\$5 or increase\$5 or chang\$5) and (constant same gate voltage same on same off)	US-PGPUB; USPAT	ADJ	ON	2009/08/19 08:03

S27	2851	(345/50-101.ccls. or 345/208-214.ccls.) and gate voltage and on\$5 and off\$5	US-PGPUB; USPAT	ADJ	ON	2009/08/25 10:17
S28	0	S27 and (on near3 gate near3 voltage\$5)	US-PGPUB; USPAT	ADJ	ON	2009/08/25 10:18
S29	0	S27 and (on near3 voltage)	US-PGPUB; USPAT	ADJ	ON	2009/08/25 10:19
S30	24962	(345/50-101.ccls. or 345/208-214.ccls.)	US-PGPUB; USPAT	ADJ	ON	2009/08/25 10:21
S31	703	S30 and temperature same (on or off)	US-PGPUB; USPAT	ADJ	ON	2009/08/25 10:21
S32	110	S30 and temperature same turn near3 (on or off)	US-PGPUB; USPAT	ADJ	ON	2009/08/25 10:21
S33	23	S30 and temperature same (turn near3 (on or off)) same gate	US-PGPUB; USPAT	ADJ	ON	2009/08/25 10:22
S34	90	S30 and tft and temperature and (turn-on or turn on) and (turn-off or turn off)	US-PGPUB; USPAT	ADJ	ON	2009/08/25 11:15
S35	1	S30 and tft and temperature and (turn-on or turn on) and (turn-off or turn off) and constant difference	US-PGPUB; USPAT	ADJ	ON	2009/08/25 11:15
S36	70	S30 and tft and temperature and (turn-on or turn on) and (turn-off or turn off) same voltage	US-PGPUB; USPAT	ADJ	ON	2009/08/25 11:15
S37	1	"7038653".pn.	US-PGPUB; USPAT	ADJ	ON	2009/08/25 11:20
S38	24962	(345/50-101.ccls. or 345/208-214.ccls.)	US-PGPUB; USPAT	ADJ	ON	2009/08/25 13:04
S39	2	S38 and tft and temperature and (turn-on or turn on) and (turn-off or turn off) same voltage and kickback	US-PGPUB; USPAT	ADJ	ON	2009/08/25 13:04
S40	1449	S38 and tft and temperature same (adjust\$5 or increase\$4 or chang\$5 or var\$5)	US-PGPUB; USPAT	ADJ	ON	2009/08/25 13:10
S41	38	S38 and tft and temperature same (adjust\$5 or increase\$4 or chang\$5 or var\$5) and turn-on and turn-off	US-PGPUB; USPAT	ADJ	ON	2009/08/25 13:10
S42	151	S38 and tft and temperature same shift\$5 same voltage	US-PGPUB; USPAT	ADJ	ON	2009/08/25 13:27
S43	4	S38 and tft and (temperature same shift\$5 same voltage) and turn-on and turn-off	US-PGPUB; USPAT	ADJ	ON	2009/08/25 13:27
S44	3	345/101.ccls. and turn-on and turn-off	US-PGPUB; USPAT	ADJ	ON	2009/08/25 13:37

S45	3	345/101.ccls. and (turn-on or turn on) and (turn-off or turn off)	US-PGPUB; USPAT	ADJ	ON	2009/08/25 13:38
S46	290	345/101.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/08/25 13:41
S47	1	345/101.ccls. and on and off	US-PGPUB; USPAT	ADJ	ON	2009/08/25 13:42
S48	119	345/101.ccls. and temperature and threshold	US-PGPUB; USPAT	ADJ	ON	2009/08/25 13:43
S49	32	345/101.ccls. and temperature and threshold and tft	US-PGPUB; USPAT	ADJ	ON	2009/08/25 13:43
S50	2	"20060033697" and voltage	US-PGPUB; USPAT	ADJ	ON	2009/08/25 13:54
S51	0	"20060033697" and on and off	US-PGPUB; USPAT	ADJ	ON	2009/08/25 13:55
S52	2	"20060033697" and on\$5 and off\$5	US-PGPUB; USPAT	ADJ	ON	2009/08/25 13:55
S53	2	"20050041007" and voltage	US-PGPUB; USPAT	ADJ	ON	2009/08/25 14:04
S54	2	"20050041007" and voltage and temperature	US-PGPUB; USPAT	ADJ	ON	2009/08/25 14:08
S55	2	"20050041007" and voltage and temperature threshold	US-PGPUB; USPAT	ADJ	ON	2009/08/25 14:09
S56	0	"20050041007" and voltage and temperature and (on gate or on-gate)	US-PGPUB; USPAT	ADJ	ON	2009/08/25 14:10
S57	0	"20050041007" and voltage and temperature and (gate on or gate-on)	US-PGPUB; USPAT	ADJ	ON	2009/08/25 14:11
S58	1	"20030067435" and voltage	US-PGPUB; USPAT	ADJ	ON	2009/08/25 14:27
S59	1	"6256006".pn. and (on or off)	US-PGPUB; USPAT	ADJ	ON	2009/08/25 15:07
S60	1	"5250937".pn. and gate	US-PGPUB; USPAT	ADJ	ON	2009/08/26 07:29
S61	1	"5250937".pn. and gate near5 voltage	US-PGPUB; USPAT	ADJ	ON	2009/08/26 07:38
S62	1	"5250937".pn. and gate same (on or off)	US-PGPUB; USPAT	ADJ	ON	2009/08/26 07:51
S63	1241	display and ((on or off) near3 gate near3 voltage) and (temperature or refresh rate)	US-PGPUB; USPAT	ADJ	ON	2009/08/26 07:55
S64	19	display and ((on or off) near3 gate near3 voltage) and (temperature or refresh rate)	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/26 07:55
S65	2	"20040207329"	US-PGPUB; USPAT	ADJ	ON	2009/08/26 07:59

S66	2	"20040207329" and gate and temperature	US-PGPUB; USPAT	ADJ	ON	2009/08/26 08:00
S67	0	"20040207329" and gate and refresh	US-PGPUB; USPAT	ADJ	ON	2009/08/26 08:09
S68	1	"20050184946" and gate near3 (on or off) same voltage	US-PGPUB; USPAT	ADJ	ON	2009/08/26 08:14
S69	1	"20050184946" and (constant or adjust\$4 or chang\$4) and gate near3 (on or off) same voltage	US-PGPUB; USPAT	ADJ	ON	2009/08/26 08:28
S70	0	"20050184946" and kickback	US-PGPUB; USPAT	ADJ	ON	2009/08/26 08:51
S71	1	"20050184946" and tft	US-PGPUB; USPAT	ADJ	ON	2009/08/26 08:52
S76	1	"20050184946" and driver	US-PGPUB; USPAT	ADJ	ON	2009/08/26 08:58
S77	0	"20050184946" and waveform	US-PGPUB; USPAT	ADJ	ON	2009/08/26 09:01
S78	1	"20050184946" and temperature	US-PGPUB; USPAT	ADJ	ON	2009/08/26 09:10
S79	1	"20050184946" and temperature same gate	US-PGPUB; USPAT	ADJ	ON	2009/08/26 09:13
S80	18	(US-20060267972-\$ or US-20050184946-\$ or US-20050093812-\$ or US-20050083292-\$ or US-20030179163-\$ or US-20040239597-\$ or US-20020140643-\$ or US-20070080905-\$ or US-20050174317-\$ or US-20050041007-\$ or US-20030067435-\$ or US-20040207329-\$).did. or (US-6845140-\$ or US-7038653-\$ or US-4236150-\$ or US-6496170-\$ or US-6256006-\$ or US-5250937-\$).did.	US-PGPUB; USPAT	ADJ	ON	2009/08/26 09:31
S81	1	S80 and refresh rate	US-PGPUB; USPAT	ADJ	ON	2009/08/26 09:31
S82	2	S80 and refresh	US-PGPUB; USPAT	ADJ	ON	2009/08/26 09:32
S83	22	345/101.ccls. and refresh	US-PGPUB; USPAT	ADJ	ON	2009/08/26 09:34
S84	3	345/101.ccls. and refresh rate	US-PGPUB; USPAT	ADJ	ON	2009/08/26 09:34
S85	1	"5670973".pn. and refresh and gate	US-PGPUB; USPAT	ADJ	ON	2009/08/26 09:38
S86	396	"345"/\$.ccls. and refresh rate and gate same voltage	US-PGPUB; USPAT	ADJ	ON	2009/08/26 09:55

S87	0	"345"/\$.ccls. and refresh rate and (gate same voltage same on same off)	US-PGPUB; USPAT	ADJ	ON	2009/08/26 09:55
S88	97	"345"/\$.ccls. and refresh rate and (gate voltage)	US-PGPUB; USPAT	ADJ	ON	2009/08/26 09:56
S89	5	"345"/\$.ccls. and refresh rate and (gate voltage) and (gate-on or on-gate or gate on or on on gate)	US-PGPUB; USPAT	ADJ	ON	2009/08/26 09:57
S91	0	"20010017611" and amplitude same refresh	US-PGPUB; USPAT	ADJ	ON	2009/08/26 10:43
S92	1	"20010017611" and amplitude and refresh	US-PGPUB; USPAT	ADJ	ON	2009/08/26 10:43
S93	1	"20010017611" and (gate-on or gate-off)	US-PGPUB; USPAT	ADJ	ON	2009/08/26 10:45
S94	1	"20010017611" and refresh	US-PGPUB; USPAT	ADJ	ON	2009/08/26 10:59
S95	1	"20010017611" and period	US-PGPUB; USPAT	ADJ	ON	2009/08/26 11:07
S96	1	"20050184946" and lcd	US-PGPUB; USPAT	ADJ	ON	2009/08/26 11:16
S97	0	"20050184946" and (kickback or crossover or cross-over)	US-PGPUB; USPAT	ADJ	ON	2009/08/26 11:19
S98	0	S80 and kickback	US-PGPUB; USPAT	ADJ	ON	2009/08/26 11:19
S99	1	345/101.ccls. and kickback	US-PGPUB; USPAT	ADJ	ON	2009/08/26 11:20
S100	130	(345/50-101.ccls. or 345/208-214.ccls.) and kickback	US-PGPUB; USPAT	ADJ	ON	2009/08/26 11:21
S101	38	(345/50-101.ccls. or 345/208-214.ccls.) and kickback same compensat\$4	US-PGPUB; USPAT	ADJ	ON	2009/08/26 11:23
S102	3	S80 and portable	US-PGPUB; USPAT	ADJ	ON	2009/08/26 12:26
S103	1	"20010017611" and portable	US-PGPUB; USPAT	ADJ	ON	2009/08/26 12:38
S104	3	"4923285".pn. or "5684503".pn. or "7071929".pn.	US-PGPUB; USPAT	ADJ	ON	2009/09/02 13:21
S105	1	"20030098749"	US-PGPUB; USPAT	ADJ	ON	2009/09/02 13:21
S106	4	(S104 or S105)	US-PGPUB; USPAT	ADJ	ON	2009/09/02 13:22
S107	3	S106 and (on or off)	US-PGPUB; USPAT	ADJ	ON	2009/09/02 13:35
S108	3	S107 and (on or off) and temperature	US-PGPUB; USPAT	ADJ	ON	2009/09/02 13:52

S109	1	"7071929".pn. and pixel	US-PGPUB; USPAT	ADJ	ON	2009/09/02 14:26
S110	0	"7071929".pn. and row	US-PGPUB; USPAT	ADJ	ON	2009/09/02 14:31
S111	1	"7071929".pn. and (on or off or gate)	US-PGPUB; USPAT	ADJ	ON	2009/09/02 14:34
S112	1	"7071929".pn. and gate same off	US-PGPUB; USPAT	ADJ	ON	2009/09/02 14:38
S113	0	"7071929".pn. and environmental	US-PGPUB; USPAT	ADJ	ON	2009/09/02 14:45
S114	1	"7071929".pn. and temperature	US-PGPUB; USPAT	ADJ	ON	2009/09/02 14:45
S115	1	"7071929".pn. and (on or off or gate) and temperature	US-PGPUB; USPAT	ADJ	ON	2009/09/02 14:48
S116	0	"7071929".pn. and lcd	US-PGPUB; USPAT	ADJ	ON	2009/09/02 15:06
S117	1	"7071929".pn. and liquid	US-PGPUB; USPAT	ADJ	ON	2009/09/02 15:06
S118	0	"7071929".pn. and refresh	US-PGPUB; USPAT	ADJ	ON	2009/09/02 15:18
S119	306375	"257"/\$.ccls. and (adjust\$4 or modify\$4 or modifi\$4 or modification or change\$4 or alter4\$ or increase\$4 or decrease\$4 or raise\$4 or lower\$4)	US-PGPUB; USPAT	ADJ	ON	2010/01/20 13:32
S120	35809	S119 and threshold and (temp or temperature)	US-PGPUB; USPAT	ADJ	ON	2010/01/20 13:34
S121	721	"257"/420,467,469.ccls. and (adjust\$4 or modify\$4 or modifi\$4 or modification or change\$4 or alter4\$ or increase\$4 or decrease\$4 or raise\$4 or lower\$4)	US-PGPUB; USPAT	ADJ	ON	2010/01/20 13:34
S122	109	S121 and threshold and (temp or temperature)	US-PGPUB; USPAT	ADJ	ON	2010/01/20 13:35
S123	505397	S122 and (activat\$4 or deactivat\$4) or (turn\$4 near3 (on or off))	US-PGPUB; USPAT	ADJ	ON	2010/01/20 13:36
S124	54	S122 and ((activat\$4 or deactivat\$4) or (turn\$4 near3 (on or off)))	US-PGPUB; USPAT	ADJ	ON	2010/01/20 13:37
S125	1	"7071929".pn.	US-PGPUB; USPAT	ADJ	ON	2010/01/22 12:56
S126	0	"345"/\$.ccls. and (shifting and on and off and constant difference).clm.	US-PGPUB; USPAT	ADJ	ON	2010/01/22 13:32
S127	0	"345"/\$.ccls. and (on and off and constant difference).clm.	US-PGPUB; USPAT	ADJ	ON	2010/01/22 13:32

S128	0	"345"/\$.ccls. and (on and off and (constant or "same") difference).clm.	US-PGPUB; USPAT	ADJ	ON	2010/01/22 13:33
S132	23	(US-20060267972-\$ or US-20050184946-\$ or US-20050093812-\$ or US-20050083292-\$ or US-20030179163-\$ or US-20040239597-\$ or US-20020140643-\$ or US-20070080905-\$ or US-20050174317-\$ or US-20050041007-\$ or US-20030067435-\$ or US-20040207329-\$ or US-20060125755-\$ or US-20010017611-\$ or US-20040169627-\$).did. or (US-6845140-\$ or US-7038653-\$ or US-4236150-\$ or US-6496170-\$ or US-6256006-\$ or US-5250937-\$ or US-6943766-\$ or US-7071929-\$).did.	US-PGPUB; USPAT	ADJ	ON	2010/02/02 15:22
S133	3	S132 and temperature and pwm	US-PGPUB; USPAT	ADJ	ON	2010/02/02 15:23
S134	862	(345/50-101.ccls. or 345/208-214.ccls.) and (frame rate or frequency or refresh rate) same temperature	US-PGPUB; USPAT	ADJ	ON	2010/02/02 15:31
S135	581	S134 and driver	US-PGPUB; USPAT	ADJ	ON	2010/02/02 15:31
S136	2	S134 and driver and (on and off)	US-PGPUB; USPAT	ADJ	ON	2010/02/02 15:32
S137	722	"257"/420,467,469.ccls. and (adjust\$4 or modify\$4 or modify\$4 or modification or change\$4 or alter4\$ or increase\$4 or decrease\$4 or raise\$4 or lower\$4)	US-PGPUB; USPAT	ADJ	ON	2010/02/03 08:21
S138	109	S137 and threshold and (temp or temperature)	US-PGPUB; USPAT	ADJ	ON	2010/02/03 08:21
S139	304	345/101.ccls.	US-PGPUB; USPAT	ADJ	ON	2010/02/03 08:24
S140	172	345/101.ccls. and (pwm or pulse width or frequency)	US-PGPUB; USPAT	ADJ	ON	2010/02/03 08:24
S141	123	345/101.ccls. and ((pwm or pulse width or frequency) same temperature)	US-PGPUB; USPAT	ADJ	ON	2010/02/03 08:26

S142	17	345/101.ccls. and pwm and ((pwm or pulse width or frequency) same temperature)	US-PGPUB; USPAT	ADJ	ON	2010/02/03 08:36
S143	1	"7109990".pn.	US-PGPUB; USPAT	ADJ	ON	2010/02/03 08:51
S144	1	"7109990".pn. and (pwm or pulse width) and (temp or temperature)	US-PGPUB; USPAT	ADJ	ON	2010/02/03 08:51
S145	0	"7109990".pn. and pixel	US-PGPUB; USPAT	ADJ	ON	2010/02/03 09:47
S146	1	"7109990".pn. and matrix	US-PGPUB; USPAT	ADJ	ON	2010/02/03 09:48
S147	1	"7109990".pn. and (display or driver)	US-PGPUB; USPAT	ADJ	ON	2010/02/03 09:51
S148	1	"7109990".pn. and (row or column)	US-PGPUB; USPAT	ADJ	ON	2010/02/03 09:53
S149	1	"7109990".pn. and (lcd)	US-PGPUB; USPAT	ADJ	ON	2010/02/03 09:55
S150	1	"7109990".pn. and (line)	US-PGPUB; USPAT	ADJ	ON	2010/02/03 11:08
S151	1	"7071929".pn. and (pwm or pulse width)	US-PGPUB; USPAT	ADJ	ON	2010/02/03 12:03

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